

Holography and Cine-holography of Rapidly
Occurring Processes, by A. H. Zaidel.
~~Stockholm, ryt, Proceedings of the 6th International~~
~~Congress of High-speed Photography, Stockholm,~~
~~Sweden, 23-29 June 1968.~~
~~NASA TT F-12,641~~

106

a n Zaidel

Sci-Meth & Equip
Oct 69

Resolving Power Measurement with a Laser Beam, by A. N. Zaidel
HUESSIAN, per, Zh. Nauch. Fizik. Met. i Kibernet.
Vol 11, No 5, 1966, pp 31-32.
ILL Ref: 5328.W (12653) 100

A. N. Zaidel
Sci-Methods & Equipment 3611, 027
July 63

The Isolation of Some Alkaloids by the Fungus
Aspergillus ferreus, by G. B. Zaitsevko,
et. al.
BULGARIA, per. Akad Nauk SSSR, Ser.
vol 43, No 4, 1966, pp 8-14.
ADM-UJ-4800

33

Dec
Dec 63

353-#6

O. M. Zaichenko

Oxidation of Some Alkanes by Fusarium solani formae Seeld,
by O. M. Zaichenko,
UKRAINIAN, per, Zh Akad Nauk Ukr SSR, No 28, 1966,
pp 18-24.
ATS-UJ-5856

App. 72

On Some Criteria for the Nonoscillation of
Linear Differential Operators, by

G. S. Zaiceva.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 177.
No 6, 1967, pp 1263-1264.

Am Math Soc
Vol 8, No 6, 1967

G. S. ZAICEVA

Dec 68

354,394

A Multipoint Boundary Value Problem, by
G. S. Zaiceva.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 4, 1967, pp 763-765.
Am Math Soc
Vol 8, No 5, 1967

G. S. ZAICEVA

Nov 68

354,294

Some Classes of Topological Spaces and Their
Bicompleteifications, by V. Zaicev.
RUSSIAN, par, Dok Ak Nauk SSSR, Math.,
Vol 178, No 4, 1968, pp 778-779.
The American Mathematical Society
Vol 9, No 1, 1968

V. ZAICEV

Sci/Math
Oct 68

363,447

Groups Satisfying a Weak Minimal Condition,
by D. I. Zaicev.

RUSSIAN, per, Dok Ak Nauk SSSR, Mat.,
Vol 178, No 4, 1968, pp 780-782.

The American Mathematical Society
Vol 9, No 1, 1968

D. I. Zaicev

Sci/Math
Oct 68

353,448

Stably Soluble and Stably Nilpotent Groups,
by D. I. Zaicev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 176,
No 3, 1967, pp 509-511.
Am Math Soc
Vol 8, No 5, 1967

D. I. ZAICEV

Nov 68

224 229

On Solvable Groups of Finite Rank, by
D. I. Zaicev.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 181,
No 1, 1968, pp 13-14.
Am Math Society
Vol 9, No 4, 1968

D. I. ZAICEV

Jan 69

371, #14

The DH-Vacuum Unit and Its Component Parts,
by G. Zahs
CERNAL, rpt., Paper presented at 4th
International Vacuum Conference (Karlsruhe),
June 18-21 1968, 17 pp.
WISI 6903

Sci-Materials
Feb 69

The Economy of Israel: The Civilian Needs
for a Military Establishment, by Sa'd.
Zahran, 13 pp.
ARABIC, np, al-Falih, May 1966, pp. 30-44.
JPRS 36397

30

Sa'd Zahran

ME-Israel
Econ
Jul 66

305,806

Africa from Slavery to Socialism, by Sa'ad Zahran, 14 pp.
ARABIC, per, al-Tali'a, Nov 1966, pp. 31-30.
JPS 39315

Africa
Soc
Feb 67

SA'AD ZAHRAN

317, 153

The Question of the Imamate: How? Our Position
with Regard to the Imperialist Threat, by 'Abd al-
'Aziz Zahran, 11 pp.
IRFIC, per, Al-Tali'ah, Oct 1967, 1pp 59-60.
JPNB 43436

46

SA'AD ZAHRAN

S.E./U.A.R.
SS: Pol
Jan 68

46, MP7

Changes Planned in Foreign Exchange Procedure,
by Jaromir Zahradnik, 8 pp.
CZECH, per, Zahradnick Obchod, Prague, No 1,
Jan 1969, pp 3-4.
JFRS 47766

18

Jaromir Zahradnik

SL-Czech
Icon
Apr 69

379,223

Position of the Czechoslovak Aircraft Industry
on the World Market, by Rudolf Zahradníček, 10 pp.
GOVERNMENT USE ONLY
CZECH, per, Technický Tydenník, vol 15, No 36,
5 Sep 1967, pp 12-13.
JPKS GUC 2616

RUDOLF ZAHRADNÍČEK

EE-Czech
Bozen
Dec 67

DMS#731

The Transformation of the Algerian FLN into
a Vanguard Party, by Hocine Zahouane, 5 pp
SERBO-CROATIAN, np, Kommunist, 25 Feb 65, p 9.
JPRS 29443

Africa-Algeria
Pol
Apr 65

277,500

Plan for New Crossings Adapted for December 1944
Steel and Train Spans, by Henryk Goliński and
Edward Skórski, 8 pp.
POLISH, por., Szkoły, Vol. XVII, No. 3, January 1947,
pp 1-4
DIA LN 306 67 A

1410.0

Dear Poland
Beon
Now 10

Excessive Construction Costs Analyzed, by
Josef Zahorik, 10 pp.
GOVERNMENT USE ONLY
Czech, per, Engineering Review, Vol 1965,
Nos 51-52, 30 Dec 1965, P. 6.
JPSB 080 1062

Josef Zahorik

EE-Czech
Icon
Mar 66

2916,1709

Inclusion of Artificial Cross-Links into Fibrillar
Proteins, by H. Zahn.
GERMAN, per, Leder, Vol 19, No 6, 1968,
pp 144-153.
CSIRO9473
Vol 17, No 5, 1969

-2- 3845

July 69

3845-150

Investments Correlated with Productivity, by
I. Zahiu, în Maree, 13 pp.
ROMANIA, per, Probleme Economice, Socialiste,
Mar 1969, pp 37-46.
JAT 48755

21

I. Zahiu

Romania
Mar
Sept 69

391.763

Precocomplete Classes in K-Valued Logics, by
Ye. Ju. Zaharova.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 3,
1969, pp 509-512.
The Am Math Soc
Vol 10, no 3, May-June 1969

$\int_{\Omega} \phi(x) d\mu(x) = \int_{\Omega} \phi(x) d\mu(x)$

Nov 69

390-9002

natural synoptic periods over the extent of the
Northern Hemisphere, by N. N. Zaharova,
Rossian. Ar. Tsentr Inst. Fizika. Vol. 103.,
1966, pp 94-100.
ML Ref: 5828.41 (5983)

37

Sedlar cl
Aug 68

N. M. ZAHAROVA

361.940

On the Use of Forerunners of Autumn in
Baking Weather Forecasts, N. M. Zaharova.
RUSSIAN, per, Tr.Len.Gidromet.N-1.Tsentr,
Vol 21, 1968, pp. 69-74.
NEB Ref: 9022.551 (N.563) *66*

Sci-Geo
July 69

387,471

N. M. ZAHAROVA

On Forecasting Considerable September Air ^{5'}
Temperature Anomalies in the European USSR,
by N. M. Zaharova.
RUSSIAN, per, Tr Len Gidromet n-i Tsentz,
Vol 23, 1968, pp 21-30.
KLL Ref: 5828.4F (7453)

n m Zaharova

Sci-Atmos Sci
May 69

300,723

Библиография о химии аллюминия
by Yu. A. Соколов, V. F. Zahkarov, S. N.
Полонщиков, A. G. Матов, 12 pp.
Зарубин, 1966, 21 стр. Цена 10 р. 50 к.,
до 2462-3473.

ABC RUL Tr-136

V. F. Zahkarov

65

396,973

Sci - Materials
Sep 67

Distribution Law For the Number of Series In
a Homogeneous Markov Chain, by V. K. Zaharov,
O. V. Sarmanov.

RUSSIAN, per, Dok Akad Nauk SSSR, Math.,
Vol 179, No 3, 1968, pp 526-528.
The American Mathematical Society
Vol 9, No 2, 1968

V. K. ZAHAROV

Sci/Math
Oct 68

30,500

A Combinatorial Problem of Smirnov, by
O. V. Sarmanov, V. K. Zaharov.
RUSSIAN, pub. Dok Akademii SSSR, Vol. 176,
No 3, 1967, pp 530-532.
Am Math Soc
Vol 8, No 5, 1967

V. K. ZAHAROV

Nov 68

35a,264

Asymptotic Behavior of a Certain Integral of
Trigonometric Polynomials, by A. A. Zhabarov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 181,
No 3, 1968, pp 527-529.
Am Math Society
Vol 9, No 4, 1968

A. A. ZHABAROV

Jan 69

371,235

Quasiequivalence of Bases at Finite Centers
of Hilbert Scales, by V. P. Zaharjuta.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol. 180,
No 4, 1968, pp 681-684.
The Amer Math Soc
Vol 9, No 3, 1968.

V.P. ZAHARJUTA

Sci/Math
Oct 68

366,809

Boundary Properties of meromorphic Functions
in the N Class, by M. M. Durbanjan,
V. S. Zaharjan.
RUSSIAN, per. Dok Akad SSSR, Vol 173,
No 6, 1967, pp 1247-1250.
Am Math Soc
Vol 8, No 2, 1967

V. S. ZAHARJAN

Nov 68

370,600

On the Quasi-Equivalence of Bases in the Infinite
Center of the Hilbert Scale. by V. P. Bakhajita,
RUSSIAN, par. Dok. Ak. Nauk SSSR, Vol 109, No 1,
1969, pp 26-28.

AMS
Vol 10, No 6, 1969

V.P. Bakhajita

May 70

447
Listeriosis in swine studied by Professor, by
I. Zalarija, 10 pp.
SRPSKOKATIAN, ser., sterinarecid Glasnik,
Belgrade, No 8, 1969, pp 619-624.
J IS 48/42

Sci-Agri
Oct 69

I. Zalarija
392.104

New Production Methods for Romanian Cement
Manufacture, by L. Zaharia and C. Dumitrescu,
16 pp.
RUMANIAN, per, Revista constructiilor si a
materialelor de constructii, Vol 10, No 2,
Feb 1966, pp. 24-29.
JPRS 37313

L. Zaharia

EE-R mania
Econ
Sept 66

JLD, 745

new Legislation Establishes Special Fund,
by D. Zaharia, 5 pp.
RUMAIAI, per, Inventii si Inovatii, Jun 1968,
pp 201-202.
JPRS 46, 348

36

LB/Romania
Econ
Dept 63

26.557

New Legislation on Inventions Reviewed, by
D. Zaharia, 5 pp.
ROMANIA, pub. Inventii si Invenzioni, Bucharest,
Jan 1969, pp 8-10.
JPRS 48056

14

D. Zaharia

EE-Romania
Pol
Jun 69

382,093

57
On Estimating the Amount of Melting Ice in the
Open Sea, by V. F. Zaharov, L. I. Galatov,
RUSSIAN, per. Problemy Arkтики Antarktiki, Vol. 22,
1966, pp 127-128.
NLL Ref: 9022.551 (502 #)

Sci-Mar sci
Aug 68

V. F. ZAHAROV

361.0027

Is Unused Purchasing Power a Problem?, by
Vaclav Zahalka, 18 pp.

GOVERNMENT USE ONLY

CZECH, per, Finance a Uver, No 3, 1966,
pp. 129-131.

JPRS COO 1143

VACLAV ZAHALKA

EE-Czechoslovakia

Econ

May 66

299,300

Role of Czechoslovak State Bank, by MUDr
Vaclav Zahalka, 10 pp.;
CZCH, per, Mova Mysl, No 6, Vol 20, 22 Mar
1966, pp. 18-21.
JPRS 35801

2.3

Vaclav Zahalka

EE-Czechoslovakia
Soon
Jun 66

310,994

Discussion about Czechoslovak Crown, by
Vaclav Zahalka, 10 pp.
CZECH, per, Pospolite Rowniny, No 20,
17 May 1968, pp 1, 4.
JPRS 45341

17

VACLAV ZAHALKA

EC-Czechoslovakia

zoom

Sept 68

JG2,440

7
State Bank to handle Foreign Exchange Transactions.
V. Zahalka, 9 pp.
CZECH, per, Ekonomické Noviny, Prague, 13 Dec 1968,
pp 1-10.
JFIS 47515

1st Czech
been
Mar 69

V. Zahalka

374,875

Credit and Monetary Policy of Czechoslovak State
Bank Discussed, by Václav Zahálka, 22 pp.
GOVERNMENT USE ONLY
CZECH, per, Finance a Year, Vol 17, No. 5, May
1967, pp. 289-300.
JPRS GUO 2468

VÁCLAV ZAHLÁKA

EE-Czech
Econ
Aug 67

333.137

Migration and the Labor Force in Particular Areas, by Jaroslav Kahelka, 10 pp.
GOVERNMENT USE ONLY
CZECH, per, Plenární konference Československého, Praha 1967,
No. 11, Nov 67, pp. 41-47.
JPSIS CUSO 2668

EE(Czech.)
Economic
Jan 68

347,679

I. Zagora. 6 pp.
VESTNIK PROTIVOWOJENNOY OBORONY, No 1, 1973, PP 61-85
MAM 37 714,871

apr 73

Evaluating Cement Industry Profit Plans, by
M. M. Zagumennov, 5 pp.
RUSSIAN, per. 1968, Moscow, No 9, 1968, pp 4-5.
JFS 49515

M. M. Zagumennov

USSR
Econ
Jan 70

397-968

Detonation of Elongated Charges with
Cavities, by A.S. Zagumennov, N. B. Titova,
Iu. I. Padeenko & V.I. Chistikov
RUSSIAN,per, Prikl. Mekh. i Tekh. Fiz.,
No. 2, 1969, pp. 79-83.
CIA X-7092

39L,373

Sept 69

Variscite Found For the First Time in Chukotka,
by I. A. Zugruzina, V. O. Poznyak.
RUSSIA,per, Dok Ak Nauk SSSR, Vol 179, NM4,
1968, pp. 945-946.

AGI

I. A. Zugruzina

375-368

Jan 69

On the Diffusion Mechanism in Transition-Metal
Noucarbides, by V. N. Zagriazhkin, 9 pp.
RUSSIAN, per Fiz Metallov i Metallovedeniya, Vol 28, 1969,
pp 292-297.
AEC/LA-TY-70-20

7.7.3a question

Sci/Phy
Nov 70

72
Report on Construction of a Signal with
Sporadic Lattice, by V. P. Zagrebodov,
V. U. Vinovich.
VISOKA, per. Soderzhi i Kartografiya, No 7,
1965, pp. 36-37.
ACIC 75-1447

71 1 Zagrebodov

Sci/for Sci
Sep 68

363-100

V. N. Zagrishkin
On the Diffusion Mechanism in Transition-Metal
Monocarbides, by V. N. Zagrishkin.
RUSSIAN, per. Fizika Metallov i Metallovedeniia, Vol 28,
1969, pp 292-297.
NTC-71-10243-11P

Nov 71

Information on Pharmaceutical Congress
and Conference, by B.N. Zagreb,
4 pp.
SRBO-CROATIAN, per, Pharmaceutical
Gicanik, Zagreb, March 68, pp. 143-
144.
JPRS 44,776

B.N. Zagreb

Sci-Bio. and Med. Sci.
March 68

352,911

16

Writer Probes African Student Demands, by
Ambroise Zagré, 12 PPs
FRANCHE, rpt. Afrique Noire, Dakar, 14-15 Nov 1968
1968, pp 8-9; 20-27 Nov 1968, pp 8-9.
JPRS 47135

Re Amboise Zagré

AI-INT-A-AFRICAN AFFAIRS
Pol
Jan 69

374.719

125

Neutron Capture by Heavy Isotopes of Uranium
and Neptunium during a Thermonuclear Explosion,
by V. G. Zagratov and V. P. Zemmer, US PP.
RUSSIAN, per, Atomnaya Promst., No 1, Oct.
1967, pp 319-326.
JPRS 43563

4EC-342-7-114 V. G. Zagratov

Sci-Nuclear Sci & Tech.
Jan 68

1967, 317

Combined Decision-Making Method, by
N. G. Zagoruyko.
RUSSIAN, per, AN SSSR, Sibirskoye Otdel.
Institut Matematiki. Vychislitel'nyye
Sistemy, No 22, 1966, pp 70-80.
AIR/FTD/MT-24-268-68

61

N. G. Zagoruyko

Sci-Elec
Apr 69

380,341

Evaluation of the Maximum Quantity of Information
Contained in a Recognizable Signal, by
N. G. Zaytsevko 10 N.
RUSIAN, PER, Vychislitelnaya Statistika. Sbornik
Trudov, Vol 14, 1967, pp 39-42.
Alt/FID-3-24-404-69

79

N. G. Zaytsevko
sci/electronics
May 70

406,915

N. G. Zagoruiko

Nature of the Pattern Recognition Problem.
VYCHISLITELNYE SISTEMY, No 36, 1969, pp 3-12.
NTC-72-14561-12A

Feb 1973

Effect of keeping out of Equation of State of
multicomponent mixtures, by V. A. Zagorevskii.
6 pp.
Akad. Nauk SSSR. Tr. fizika
Vysokoi temperatury, Vol 3, No 2, 1965,
p. 244-249.
CICR TT 69-55048

V. A. Zagorevskii
Sci. etod and equipment
Mar 69

Thermophysical Properties of Gaseous and Liquid
Methane, by V. A. Zagoruchko, A. M. Shuravlev,
263 pp.
RUSSIAN, bk, Teplofizicheskiye Svoistva Gazu i Zhidkogo Metana, 1969.
NTIS ID 70-50097

V. A. Zagoruchenko

Sci/Chem
Feb 71

Presentation of the Equation of State of Real
Gas in Explicit Form in Terms of the Independent
Variables T and v, by V. A. Zagorudchenko,
P. M. Kessal'man, 8 pp.
RUSSIAN, per, Zhurnal Fizicheskoy Khimii, Vol 33,
No 6, 1959, pp 1221-1229.
NTIS ID 69-55051

V. A. Zagorudchenko

Sci/Chem
Dec 70

Experimental Study of the Thermal Preparation of
By-Product Petroleum Gas, by V. A. Melnik,
V. A. Zagoruchko, 5 pp.
ROBESIAN, per, Investig. VNI. Naft. i Gazu, No 11,
1964, pp 89-92.
NTIS ID 69-55050

V. A. Zagoruchko

Sci/Phys
Dec 70

Thermodynamic Properties of Ethane up to 400°C
and 300 ATM, by V. A. Zagoruchenko, 5 pp.
RUSSIA, per, Investiya VNIKhimPro,
Khimicheskaya Tekhnologiya, Vol 5, No 5, 1963,
pp 734-738.
REF ID: A69-550h9

V. A. Zagoruchenko

Sci/Chem
Dec 70

Method of Setting Up Equation of State for
Multicomponent Mixtures, by
V. A. Zagoruchenko, 8 pp.
RUSIAN, per, Akademiya Nauk SSSR - Teplofizika
Vysokikh Temperatur, Vol 3, No 2, 1965,
pp 244-249.
BTIS TT 69-55043

V. A. Zagoruchenko

Sci/Math & Equip
Dec 70

V. A. Zagoruchenko

The Equation of State of Gas Mixtures Containing
Mainly Light Hydrocarbons and Nitrogen.
RUSSIAN, per, Izvestiya Vysshikh Uchebnykh
Zavedenii, Neft i Gaz, No 2, 1965, pp 73-74
NTC 72-13379-07D

Oct 72

Analysis of Thermal Data and Equation of State
for Ethane, by V. A. Zagoruchenko, A. S. Vasenin,
6 pp.
HESIAN, per, Investiga VUZ. Neft' i GAZ, No 10,
1961, pp 85-90.
MTIS TT 69-55046

32

49

51

V.A. Zagoruchenko

Sci/Chem
Dec 70

Gas Release by Molybdenum at High Temperatures,
by T. N. Zayorskaya, G. F. Ivanovskiy, et al.
9 pp.
RUSSIAN, per, Izvestiya AN SSSR. Metall., No 1,
1968, pp 221-225
AIR/FTD/IT-24-480-68

T. N. Zayorskaya
sci/ materials
nov 69

397,254

Bulletin of the All-Union Geographic Society,
No 4, Vol 98, 1966, by N. G. Zagerskaya, 12 pp.
RUSSIAN, per, Iz Vsesoyuznogo Geograficheskogo
Obshchestva, Tom 98, Vyp 4, 1966.
AMS No G1 198, V98, No 4.

158

N. G. Zagerskaya

Sci-E. Sci
Mar 67

320,709

Destruction of Wave Front of Straight Magneto-Acoustic Waves at Large Mach Numbers, by S. P. Zagorodnikov, G. E. Smolkin, G. V. Shalik, 16 (U). MIRSIAM, rpt. IAU-1263, Moscow, 1964, pp 1-40.
PULLI8867
ABC RP Tr-1587

S. P. Zagorodnikov

207, 070

Sci - Physics
Jun 67